**3GPP TSG-SA WG1 Meeting #106 S1-241002**

**Jeju Island, Korea, 27-31 May 2024**

Title: 1st Draft Agenda for SA1#106

Ag. Item: 1.1

Source: SA1 Chairperson

Contact: Jose Almodovar

Submission Guidelines

* **Submission deadlines:**
  1. Tdoc **number** and **CR number** requests:     **Friday,** 17 May 2024, 23:00 UTC
  2. Document **submission**:                                **Friday,** 17 May 2024, 23:00 UTC
* Documents that miss either deadline will be considered as **LATE** and will be given low priority
* **Tdoc numbers and CR numbers** can be reserved and documents uploaded at <https://portal.3gpp.org/> (register, then click on the "C" next to 3GPPSA1#97e)
* Please use the document templates available at <https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_106_Jeju/templates>
* For CRs:
  + **TEI18 CRs will only be accepted if there is no impact to Stage 2 or Stage 3 or for alignment purposes**
  + **CRs** **MUST have a CR number** allocated by the 3GPP Portal BEFORE being submitted
  + **CRs MUST have a Work Item code**, and the WI code must be valid for the specific release (e.g. a Rel-18 CR with Rel-17 WI is not permitted, except for cat. A CR)
  + Work Item Codes for the CRs are available in the [Work Plan](https://ftp.3gpp.org/Information/WORK_PLAN) (or at <http://www.3gpp.org/ftp/Specs/html-info/TSG-WG--s1--wis.htm> )

**LEGEND**

**Doc Type**: AGE (Agenda), CC (Incoming Liaison Statement Copied to SA1), Cont (Contribution), CR (Change request), LS OUT(Outgoing Liaison Statement), TO (Incoming Liaison Statement To SA1), TR (Technical Report), TS (Technical Specification), REP (Report), WID (Work Item Description), WP (Work Plan)

**Conclusion**: Agreed, Approved, Revised to S1-24xxxx, Noted, Withdrawn, Moved to section xxx, Rejected, Postponed, Email Approval, Not Handled, Unallocated, Drafting

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Doc  Type | Tdoc number | Sourcing company(ies) | Document Title | Conclusion | Comments |
| CR | S1-24xxxx | Source | Title | Agreed / Approved |  |
| CR | S1-24xxxx | Source | Title | Revised to S1-23xxxx |  |
| CR | S1-24xxxx | Source | Title | Noted |  |
| CR | S1-24xxxx | Source | Title | Withdrawn |  |
| CR | S1-24xxxx | Source | Title | Moved to section xxx |  |
| CR | S1-24xxxx | Source | Title | Rejected |  |
| CR | S1-24xxxx | Source | Title | Postponed |  |
| CR | S1-24xxxx | Source | Title | Email Approval |  |
| CR | S1-24xxxx | Source | Title | Not Handled |  |
|  | S1-24xxxx |  |  | Unallocated / Drafting |  |

**MEETING ROOMS:**

**Ballroom C: Plenary/Drafting**

Eorimok room: Breakout

|  |  |  |  |  |  |  |  |  |
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|  |  | **Monday** |  | **Tuesday** | **Wednesday** |  | **Thursday** | **Friday** |
| **Q0** | **08:00**  **09:00** |  | **08:00**  **09:00** | **Drafting 1 (Ballroom C):**  FRMCS + EnergyServ 2  ================= | **Drafting 1 (Ballroom C):**  FRMCS + EnergyServ 2  =================  **Drafting 2 (Eorimok):**  Satellite | **08:00**  **09:00** | **Drafting 1 (Ballroom C):**  10.1 KVI | [Plenary] |
| **Q1** | **09:00**  **10:30** | (start at 09:00)  **Plenary:**  1. Opening  2. Reports  3. LSs | **09:00**  **10:30** | **Drafting 1 (Ballroom C):**  FRMCS + EnergyServ 2  =================  **Drafting 2 (Eorimok):**  Satellite | **Drafting 1 (Ballroom C):**  FRMCS + EnergyServ 2  =================  **Drafting 2 (Eorimok):**  Satellite | **09:00**  **10:30** | **Plenary:**  6.2. Release 17 & 18 Alignment CRs  3. LSs  4. New WIDs | **Plenary** |
|  | **Coffee** |  | **Coffee** |  |  | **Coffee** |  |  |
| **Q2** | **11:00**  **12:30** | **Plenary:**  3. LSs  4. New WIDs | **11:00**  **12:30** | **Plenary:**  8. Rel-20 6G presentations | **Plenary:**  8. Rel-20 6G presentations | **11:00**  **12:30** | **Plenary** | **Plenary** |
|  | **Lunch** |  | **Lunch** |  | **Lunch New incomers**  **(Chair & Secretary)** | **Lunch** |  |  |
| **Q3** | **14:00**  **15:30** | **Plenary:**  4. New WIDs | **14:00**  **15:30** | **Plenary:**  8. Rel-20 6G presentations | **Plenary:**  8. Rel-20 6G presentations | **14:00**  **15:30** | **Plenary** | **Plenary** |
|  | **Coffee** |  |  |  |  | **Coffee** |  |  |
| **Q4** | **16:00**  **18:00** | **Plenary:**  4. New WIDs  6. Rel-19 and earlier contributions | **16:00**  **18:00** | **Plenary:**  8. Rel-20 6G presentations | **Plenary:**  8. Rel-20 6G presentations  10.2 Others | **16:00**  **18:00** | **Plenary** |  |
|  |  |  |  |  |  |  |  |  |
| **Q5** | **18:10**  **19:00** | **Drafting 1 (Ballroom C):**  10.1 KVI | **18:10**  **19:00** | **MMS**  (18:15-19:30) | **Drafting 1 (Ballroom C):**  FRMCS + EnergyServ 2  =================  **Drafting 2 (Eorimok):**  Satellite | **18:10**  **19:00** | **Plenary** |  |

**NOTE:**

**Slots scheduled based on contributions submitted. Slot allocation is a rough guideline and is subject to change during the meeting week.**

**Drafting sessions (including drafting/work item):**

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| KVI *– chaired by Qun Wei* |  |  |
| EnergyServ 2 + FRMCS*– chaired by Yusuke Nakano* |  |  |
| Satellite *– chaired by Qun Wei* |  |  |

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| Opening of the meeting | | | | | | | |
| Opening of the meeting at 09:00 CET on Monday 27 May 2024 | | | | | | | |
| Agenda and scheduling | | | | | | | |
| AGE | S1-241000 | SA1 Chairman | Draft agenda for SA1#106 | Revised to S1-241001 | |  | |
| AGE | [S1-241001](file:///E:\TSGS1_106_Jeju\docs\S1-241001.zip) | SA1 Chairman | 2nd Draft agenda for SA1#106 | Revised to S1-241002 | | Revision of S1-241000. | |
| AGE | [S1-241002](file:///E:\TSGS1_106_Jeju\docs\S1-241002.zip) | SA1 Chairman | Agenda for SA1#106 | Agreed | | *Revision of S1-241000.*  Revision of S1-241001. | |
| IPR, antitrust and competition laws | | | | | | | |
|  | | **IPR call reminder**  I draw your attention to your obligations under the 3GPP Partner Organizations’ IPR policies. Every Individual Member organization is obliged to declare to the Partner Organization or Organizations of which it is a member any IPR owned by the Individual Member or any other organization which is or is likely to become essential to the work of 3GPP.  Delegates are asked to take note that they are thereby invited:   * to investigate whether their organization or any other organization owns IPRs which were, or were likely to become Essential in respect of the work of 3GPP. * to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Information Statement and the Licensing declaration forms.   **Antitrust policy Reminder**  I also draw your attention to the fact that 3GPP activities are subject to all applicable antitrust and competition laws and that compliance with said laws is therefore required of any participant of this WG meeting including the Chairperson and Vice Chairperson. In case of question I recommend that you contact your legal counsel.  The leadership shall conduct the present meeting with impartiality and in the interests of 3GPP.  Furthermore, I would like to remind you that timely submission of work items in advance of TSG/WG meetings is important to allow for full and fair consideration of such matters. | | | |  | |
| Previous SA1 meeting report | | | | | | | |
| The report of the last meeting will be approved at the start of the meeting. | | | | | | | |
| REP | S1-241004 | ETSI | Draft minutes of SA1#105 | Revised to S1-241005 | |  | |
| REP | [S1-241005](file:///E:\TSGS1_106_Jeju\Docs\S1-241005.zip) | ETSI | Minutes of SA1#105 |  | | Revision of S1-241004. | |
| Information for delegates | | | | | | | |
| Draft TR/TS to SA plenary for information: delegates are encouraged to send draft TR/TS for information as soon as there is useful content to be reviewed. Draft TR/TS can be sent to SA plenary for information more than once.  Drafting p-CRs:   * All changes must be shown using revision marks against existing text in the draft TS/TR, otherwise p-CRs may be Noted   For more info: <ftp://ftp.3gpp.org/tsg_sa/WG1_Serv/Delegate_Guidelines_v10.doc>  When writing CRs, please follow the guidance provided in SP-2241007 (Guidelines to write CRs) | | | | | | | |
| Information for rapporteurs | | | | | | | |
| "Beginner's guide" for writing a new TS/TR is available at <http://www.3gpp.org/specifications-groups/delegates-corner/writing-a-new-spec> (feedback on content is welcome!)  For detailed drafting guidelines, please see [TR 21.801](http://www.3gpp.org/DynaReport/21801.htm)  Rapporteurs are expected to produce a work item/study item status report for the end of the meeting under agenda item 9.2. The template is available [here](http://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_85_Tallin/templates/Template_WI_Status_Update.zip).  For draft TR/TS, the rapporteur is expected to update the draft TR/TS with all contributions agreed at the meeting before the meeting is closed. | | | | | | | |
| Working agreements | | | | | | | |
| None | | | | | | | |
| Reports and action items | | | | | | | |
| REP | [S1-241006](file:///E:\TSGS1_106_Jeju\Docs\S1-241006.zip) | SA1 vice-chair | SA1-related topics at SA#103 | Noted | |  | |
| REP | [S1-241003](file:///E:\TSGS1_106_Jeju\Docs\S1-241003.zip) | ETSI | Extract of the 3GPP Work Plan for SA1#106 | Noted | |  | |
| REP | [S1-241007](file:///E:\TSGS1_106_Jeju\Docs\S1-241007.zip) | ETSI | MCC info on CR Rules | Noted | |  | |
| REP | [S1-241010](file:///E:\TSGS1_106_Jeju\Docs\S1-241010.zip) | SA1 Chair & ETSI MCC | SA1#106 preparation and SA1 planning | Noted | |  | |
| Liaison Statements (including related contributions) | | | | | | | |
| Traffic steering and/or switching of user data across two 3GPP access networks | | | | | | | |
| TO | [S1-241205](file:///E:\TSGS1_106_Jeju\Docs\S1-241205.zip) | S2-2403670 | LS on traffic steering and/or switching of user data across two 3GPP access networks |  | |  | |
| OUT | [S1-241073](file:///E:\TSGS1_106_Jeju\Docs\S1-241073.zip) | Qualcomm | Reply LS on DualSteer NW selection | Revised to S1-241244 | |  | |
| OUT | [S1-241244](file:///E:\TSGS1_106_Jeju\docs\S1-241244.zip) | Qualcomm | Reply LS on DualSteer NW selection |  | | Revision of S1-241073. | |
| CR | [S1-241074](file:///E:\TSGS1_106_Jeju\Docs\S1-241074.zip) | Qualcomm | 22.261v19.6.0 CR on DualSteer NW selection |  | | *WI*  *Rel-19 CR0797R- Cat F* | |
| CR | [S1-241075](file:///E:\TSGS1_106_Jeju\Docs\S1-241075.zip) | Qualcomm | 22.011v19.3.0 CR on DualSteer NW selection | Revised to S1-241239 | | *WI*  *Rel-19 CR0360R- Cat F* | |
| CR | [S1-241239](file:///E:\TSGS1_106_Jeju\docs\S1-241239.zip) | Qualcomm | 22.011v19.3.0 CR on DualSteer NW selection |  | | *WI DualSteer Rel-19 CR0360R- Cat F*  Revision of S1-241075. | |
| OUT | [S1-241153](file:///E:\TSGS1_106_Jeju\Docs\S1-241153.zip) | CATT | Reply LS on traffic steering andor switching of user data across two 3GPP access networks | Merged into S1-241244 | |  | |
| OUT | [S1-241090](file:///E:\TSGS1_106_Jeju\Docs\S1-241090.zip) | MediaTek | Reply LS on traffic steering and/or switching of user data across two 3GPP access networks | Merged into S1-241245 | |  | |
| OUT | [S1-241126](file:///E:\TSGS1_106_Jeju\Docs\S1-241126.zip) | OPPO | Reply to LS on traffic steering and/or switching of user data across two 3GPP access networks | Merged into S1-241245 | |  | |
| OUT | [S1-241173](file:///E:\TSGS1_106_Jeju\Docs\S1-241173.zip) | Huawei | Reply LS-traffic steering and/or switching of user data across two 3GPP access networks | Revised to S1-241245 | |  | |
| OUT | [S1-241245](file:///E:\TSGS1_106_Jeju\docs\S1-241245.zip) | Huawei | Reply LS-traffic steering and/or switching of user data across two 3GPP access networks |  | | Revision of S1-241173. | |
| PLMN selection | | | | | | | |
| TO | [S1-241197](file:///E:\TSGS1_106_Jeju\Docs\S1-241197.zip) | C1-242955 | LS affirming CT1's responsibilities for PLMN selection | Noted | |  | |
| OUT | [S1-241154](file:///E:\TSGS1_106_Jeju\Docs\S1-241154.zip) | CATT | Reply LS on affirming CT1's responsibilities for PLMN selection | Noted | |  | |
| Robust Notification Alert | | | | | | | |
| TO | [S1-241207](file:///E:\TSGS1_106_Jeju\Docs\S1-241207.zip) | S2-2403843 | Reply LS on Robust Notification Alert | Noted | |  | |
| Clarification on mobile metaverse services | | | | | | | |
| TO | [S1-241217](file:///E:\TSGS1_106_Jeju\Docs\S1-241217.zip) | S3-241497 | LS to request clarification on mobile metaverse services |  | |  | |
| TO | [S1-241238](file:///E:\TSGS1_106_Jeju\docs\S1-241238.zip) | S6-242734 | Reply LS on request clarification on mobile metaverse services |  | |  | |
| OUT | [S1-241081](file:///E:\TSGS1_106_Jeju\Docs\S1-241081.zip) | Huawei | Reply LS on clarification on mobile metaverse services | Merged to S1-241236 | |  | |
| Cont | [S1-241080](file:///E:\TSGS1_106_Jeju\Docs\S1-241080.zip) | Huawei | Clarification on mobile metaverse services | Noted | |  | |
| OUT | [S1-241179](file:///E:\TSGS1_106_Jeju\Docs\S1-241179.zip) | Nokia | [DRAFT] Reply LS to request clarification on mobile metaverse services | Merged to S1-241236 | |  | |
| OUT | [S1-241236](file:///E:\TSGS1_106_Jeju\docs\S1-241236.zip) | Huawei, Nokia | Reply LS on clarification on mobile metaverse services | Revised to S1-241249 | |  | |
| OUT | [S1-241249](file:///E:\TSGS1_106_Jeju\docs\S1-241249.zip) | Huawei, Nokia | Reply LS on clarification on mobile metaverse services |  | | Revision of S1-241236. | |
| Clarification related to MC gateway UE requirements | | | | | | | |
| TO | [S1-241220](file:///E:\TSGS1_106_Jeju\Docs\S1-241220.zip) | S6-241370 | LS on Clarification related to MC gateway UE requirements |  | |  | |
| OUT | [S1-241013](file:///E:\TSGS1_106_Jeju\Docs\S1-241013.zip) | Ericsson | (DRAFT) Reply- LS on Clarification related to MC gateway UE requirements | Revised to S1-241250 | |  | |
| OUT | [S1-241250](file:///E:\TSGS1_106_Jeju\docs\S1-241250.zip) | Ericsson | (DRAFT) Reply- LS on Clarification related to MC gateway UE requirements |  | | Revision of S1-241013. | |
| Proposed to Note | | | | | | | |
| TO | [S1-241200](file:///E:\TSGS1_106_Jeju\Docs\S1-241200.zip) | LIAISE-654\_MTFWA | Multi-Tenant FWA | Noted | |  | |
| TO | [S1-241201](file:///E:\TSGS1_106_Jeju\Docs\S1-241201.zip) | ls41-attach-FGMV-O-235 | LS on vocabulary for metaverse | Noted | |  | |
| TO | [S1-241221](file:///E:\TSGS1_106_Jeju\Docs\S1-241221.zip) | SG13-LS155 | LS on initiation of the draft new Technical Report ITU-T TR.URCN-req ""Service Requirements of Ubiquitous Real Time Communication Network for future networks"" | Noted | |  | |
| TO | [S1-241222](file:///E:\TSGS1_106_Jeju\Docs\S1-241222.zip) | SG13-LS164 | LS on agreement of new Supplement 81 to ITU-T Y.3200-series (ex Y.Sat-Use-Cases) ""Use cases of satellite communications in developing countries"", | Noted | |  | |
| TO | [S1-241223](file:///E:\TSGS1_106_Jeju\Docs\S1-241223.zip) | SG13-LS170 | LS on consent of draft new Recommendation ITU-T Y.3186 (ex Y.IMT2020-DJLML) ""Requirements and framework for distributed joint learning to enable machine learning in future networks including IMT-2020"" | Noted | |  | |
| TO | [S1-241224](file:///E:\TSGS1_106_Jeju\Docs\S1-241224.zip) | SG13-LS177 | LS on initiation of new work item ITU-T Y.ESBN ""Enhanced service-based network in IMT-2020 networks and beyond"" | Noted | |  | |
| TO | [S1-241225](file:///E:\TSGS1_106_Jeju\Docs\S1-241225.zip) | sp17-fg-mv-oLS-00040 | LS on Results of the fifth meeting of the FG-MV | Noted | |  | |
| TO | [S1-241226](file:///E:\TSGS1_106_Jeju\Docs\S1-241226.zip) | sp17-fg-mv-oLS-00041 | LS on vocabulary for metaverse | Noted | |  | |
| TO | [S1-241227](file:///E:\TSGS1_106_Jeju\Docs\S1-241227.zip) | sp17-fg-mv-oLS-00042 | LS on definition of CitiVerse | Noted | |  | |
| TO | [S1-241228](file:///E:\TSGS1_106_Jeju\Docs\S1-241228.zip) | sp17-fg-mv-oLS-00044 | LS on Results of the sixth meeting of the FG-MV | Noted | |  | |
| TO | [S1-241229](file:///E:\TSGS1_106_Jeju\Docs\S1-241229.zip) | sp17-sg17-oLS-00096 | LS on the proposal for a new work item: Security guidelines for data of coordination of networking and computing | Noted | |  | |
| CC | [S1-241196](file:///E:\TSGS1_106_Jeju\Docs\S1-241196.zip) | AECC\_3GPP\_LS\_Mar2024 | LS on Updated AECC Publications for Future Connected Vehicle Services | Noted | |  | |
| CC | [S1-241198](file:///E:\TSGS1_106_Jeju\Docs\S1-241198.zip) | C3-241567 | Reply LS on Support of interworking between SA4 RTC and IMS | Noted | |  | |
| CC | [S1-241199](file:///E:\TSGS1_106_Jeju\Docs\S1-241199.zip) | C4-241522 | Reply LS on the Modified PRINS solution | Noted | |  | |
| CC | [S1-241202](file:///E:\TSGS1_106_Jeju\Docs\S1-241202.zip) | R3-241183 | Reply LS on the progress update of AI/ML Management specifications in SA5 | Noted | |  | |
| CC | [S1-241203](file:///E:\TSGS1_106_Jeju\Docs\S1-241203.zip) | R3-241204 | Reply LS on the service requirement of restricting satellite access RAT type | Noted | |  | |
| CC | [S1-241204](file:///E:\TSGS1_106_Jeju\Docs\S1-241204.zip) | S2-2403444 | LS Reply to SA5 on LS on new definitions of energy efficiency and energy consumption | Noted | |  | |
| CC | [S1-241206](file:///E:\TSGS1_106_Jeju\Docs\S1-241206.zip) | S2-2403733 | LS on per UE energy consumption in RAN | Noted | |  | |
| CC | [S1-241208](file:///E:\TSGS1_106_Jeju\Docs\S1-241208.zip) | S2-2403844 | Reply LS on Support of interworking between SA4 RTC and IMS | Noted | |  | |
| CC | [S1-241209](file:///E:\TSGS1_106_Jeju\Docs\S1-241209.zip) | S2-2403851 | Reply LS on UE Location Information for NB-IoT NTN | Noted | |  | |
| CC | [S1-241210](file:///E:\TSGS1_106_Jeju\Docs\S1-241210.zip) | S2-2405210 | LS on 5GS missing CBC support for shared networks | Noted | |  | |
| CC | [S1-241211](file:///E:\TSGS1_106_Jeju\Docs\S1-241211.zip) | S2-2405815 | Reply LS on data plane control by roaming hubs | Noted | |  | |
| CC | [S1-241212](file:///E:\TSGS1_106_Jeju\Docs\S1-241212.zip) | S2-2405816 | Reply LS from SA2 on Updated AECC Publications for Future Connected Vehicle Services | Noted | |  | |
| CC | [S1-241213](file:///E:\TSGS1_106_Jeju\Docs\S1-241213.zip) | S3-240836 | Reply LS on Ranging/SL Positioning service exposure security and privacy check | Noted | |  | |
| CC | [S1-241214](file:///E:\TSGS1_106_Jeju\Docs\S1-241214.zip) | S3-240887 | Reply LS on Roaming Hub requirements as applicable to the Modified PRINS solution | Noted | |  | |
| CC | [S1-241215](file:///E:\TSGS1_106_Jeju\Docs\S1-241215.zip) | S3-240888 | Reply LS on IPX Service Hub requirements as applicable to the Modified PRINS solution | Noted | |  | |
| CC | [S1-241216](file:///E:\TSGS1_106_Jeju\Docs\S1-241216.zip) | S3-240947 | Reply LS on service authorization for/to partner MC system | Noted | |  | |
| CC | [S1-241218](file:///E:\TSGS1_106_Jeju\Docs\S1-241218.zip) | S5-241924 | LS Reply to SA4 on 3GPP work on energy efficiency | Noted | |  | |
| CC | [S1-241219](file:///E:\TSGS1_106_Jeju\Docs\S1-241219.zip) | S6-240404 | Reply LS on service authorization for/to partner MC system | Noted | |  | |
|  | [S1-241230](file:///E:\TSGS1_106_Jeju\Docs\S1-241230.zip) | SP-240503 | LS on the Modified PRINS solution | Noted | |  | |
|  | [S1-241011](file:///E:\TSGS1_106_Jeju\Docs\S1-241011.zip) | LG Electronics | [draft] Reply LS on the stage 2 aspects of MINT\_Ph2 | Withdrawn | |  | |
| New Work Items (Rel-20 5G Advanced – only) | | | | | | | |
| Revised SIDs | | | | | | | |
| WID | [S1-241183](file:///E:\TSGS1_106_Jeju\Docs\S1-241183.zip) | NOVAMINT, SES, THALES, ESA, Inmarsat, Viasat | Revised SID: Study on satellite access - Phase 4 | Revised to S1-241251 | |  | |
| WID | [S1-241251](file:///E:\TSGS1_106_Jeju\docs\S1-241251.zip) | NOVAMINT, SES, THALES, ESA, Inmarsat, Viasat | Revised SID: Study on satellite access - Phase 4 |  | | Revision of S1-241183. | |
| Cont | [S1-241017](file:///E:\TSGS1_106_Jeju\Docs\S1-241017.zip) | NOVAMINT, SES, THALES, ESA | Motivation for revising FS\_5GSAT\_Ph4 SID to add Reliable Multicast Use Cases for NTN | Noted | |  | |
| New SIDs | | | | | | | |
| REP | [S1-241008](file:///E:\TSGS1_106_Jeju\docs\S1-241008.zip) | MCC | Guidelines on WIDs names and acronyms | Noted | |  | |
| FS\_Sensing\_Ph2 | | | | | | | |
| WID | [S1-241065](file:///E:\TSGS1_106_Jeju\Docs\S1-241065.zip) | Xiaomi | New SID on Study on Integrated Sensing and Communication Phase 2 | Noted | |  | |
| Cont | [S1-241064](file:///E:\TSGS1_106_Jeju\Docs\S1-241064.zip) | Xiaomi | Integrated Sensing and Communication Phase 2 | Noted | |  | |
| Cont | [S1-241117](file:///E:\TSGS1_106_Jeju\Docs\S1-241117.zip) | China Mobile | DP on Integrated Sensing and Communication phase 2 | Noted | |  | |
| FS\_SupNet | | | | | | | |
| WID | [S1-241077](file:///E:\TSGS1_106_Jeju\Docs\S1-241077.zip) | QUALCOMM | New SID on Supplemental NW extension | Revised to S1-241257 | |  | |
| WID | [S1-241257](file:///E:\TSGS1_106_Jeju\docs\S1-241257.zip) | QUALCOMM | New SID on Supplemental NW extension |  | | Revision of S1-241077. | |
| Cont | [S1-241076](file:///E:\TSGS1_106_Jeju\Docs\S1-241076.zip) | QUALCOMM | Supplemental NW extension - Overview | Noted | |  | |
| FS\_AddNet | | | | | | | |
| WID | [S1-241084](file:///E:\TSGS1_106_Jeju\Docs\S1-241084.zip) | Deutsche Telekom | New SID on Additional Registration to a Network | Revised to S1-241258 | |  | |
| WID | [S1-241258](file:///E:\TSGS1_106_Jeju\docs\S1-241258.zip) | Deutsche Telekom | New SID on Additional Registration to a Network |  | | Revision of S1-241084. | |
| Cont | [S1-241085](file:///E:\TSGS1_106_Jeju\Docs\S1-241085.zip) | Deutsche Telekom | Use Case for additional registration to a network | Noted | |  | |
| Cont | [S1-241086](file:///E:\TSGS1_106_Jeju\Docs\S1-241086.zip) | Deutsche Telekom | DP on SID additional registration to a network | Noted | |  | |
| FS\_NWIOP | | | | | | | |
| WID | [S1-241097](file:///E:\TSGS1_106_Jeju\Docs\S1-241097.zip) | China Unicom, China Telecom | New SID: Study on Multi-network Interoperability Enhancement | Revised to S1-241259 | |  | |
| WID | [S1-241259](file:///E:\TSGS1_106_Jeju\docs\S1-241259.zip) | China Unicom, China Telecom | New SID: Study on Multi-network Interoperability Enhancement |  | | Revision of S1-241097. | |
| Cont | [S1-241099](file:///E:\TSGS1_106_Jeju\Docs\S1-241099.zip) | China Unicom | Discussion on Study on Multi-network Interoperability Enhancement | Noted | |  | |
| FS\_EGCS | | | | | | | |
| WID | [S1-241106](file:///E:\TSGS1_106_Jeju\Docs\S1-241106.zip) | ZTE, CEPRI, China Unicom, China Telecom, CMCC, vivo, AsianInfo | New SID on Study on Enhanced Group Communication Service | Revised to S1-241260 | |  | |
| WID | [S1-241260](file:///E:\TSGS1_106_Jeju\docs\S1-241260.zip) | ZTE, CEPRI, China Unicom, China Telecom, CMCC, vivo, AsianInfo | New SID on Study on Enhanced Group Communication Service |  | | Revision of S1-241106. | |
| Cont | [S1-241107](file:///E:\TSGS1_106_Jeju\Docs\S1-241107.zip) | ZTE | Discussion paper on Enhanced Group Communication Service | Noted | |  | |
| FS\_NetShare\_Ph2 | | | | | | | |
| WID | [S1-241137](file:///E:\TSGS1_106_Jeju\Docs\S1-241137.zip) | China Unicom, Rakuten Mobile, SK Telecom, LG Uplus, CATT, China Telecom, OPPO, Xiaomi, Novamint | New Study on NetShare phase 2 | Noted | |  | |
| Cont | [S1-241142](file:///E:\TSGS1_106_Jeju\Docs\S1-241142.zip) | China Unicom | Progress of NetShare phase 2 | Noted | |  | |
| FS\_eResident | | | | | | | |
| WID | [S1-241176](file:///E:\TSGS1_106_Jeju\Docs\S1-241176.zip) | China Unicom, Huawei, Xiaomi, KPN, AsiaInfo, CATT, China Mobile | New SID: Study of Enhanced 5G Resident | Revised to S1-241261 | |  | |
| WID | [S1-241261](file:///E:\TSGS1_106_Jeju\docs\S1-241261.zip) | China Unicom, Huawei, Xiaomi, KPN, AsiaInfo, CATT, China Mobile | New SID: Study of Enhanced 5G Resident |  | | Revision of S1-241176. | |
| Cont | [S1-241127](file:///E:\TSGS1_106_Jeju\Docs\S1-241127.zip) | China Unicom | Motivation for Enhancement to 5G Residence | Noted | |  | |
| Cont | [S1-241152](file:///E:\TSGS1_106_Jeju\Docs\S1-241152.zip) | Huawei, China Unicom | Pseudo-CR on use case of secured home care | Noted | |  | |
| FS\_IMSUserInteract | | | | | | | |
| WID | [S1-241145](file:///E:\TSGS1_106_Jeju\Docs\S1-241145.zip) | Nokia, Nokia Shanghai Bell, Telefonica, China Mobile, Huawei, Qualcomm, Samsung, Ericsson, Vodafone, Telecom Italia, LG Uplus | New SID: Study on user interaction in the IMS | Revised to S1-241262 | |  | |
| WID | [S1-241262](file:///E:\TSGS1_106_Jeju\docs\S1-241262.zip) | Nokia, Nokia Shanghai Bell, Telefonica, China Mobile, Huawei, Qualcomm, Samsung, Ericsson, Vodafone, Telecom Italia, LG Uplus | New SID: Study on user interaction in the IMS | Noted | | Revision of S1-241145. | |
| Cont | [S1-241146](file:///E:\TSGS1_106_Jeju\Docs\S1-241146.zip) | Nokia, Nokia Shanghai Bell, Telefonica, China Mobile, Huawei, Qualcomm, Samsung, Ericsson, Vodafone, Telecom Italia, LG Uplus | Motivations for new SID on User interaction in IMS |  | |  | |
| FS\_ColDualAccess | | | | | | | |
| WID | [S1-241156](file:///E:\TSGS1_106_Jeju\Docs\S1-241156.zip) | CATT | Study on Collabration of dual 3GPP access | Revised to S1-241255 | |  | |
| WID | [S1-241255](file:///E:\TSGS1_106_Jeju\docs\S1-241255.zip) | CATT | Study on Collabration of dual 3GPP access | Revised to S1-241263 | | Revision of S1-241156. | |
| WID | [S1-241263](file:///E:\TSGS1_106_Jeju\docs\S1-241263.zip) | CATT | Study on Collabration of dual 3GPP access |  | | *Revision of S1-241156.*  Revision of S1-241255. | |
| Cont | [S1-241157](file:///E:\TSGS1_106_Jeju\Docs\S1-241157.zip) | CATT | Discussion on Collabration of dual 3GPP access | Noted | |  | |
| FS\_MUSIM | | | | | | | |
| WID | [S1-241187](file:///E:\TSGS1_106_Jeju\Docs\S1-241187.zip) | CableLabs | New SID on enhanced support for Multi-USIM (MUSIM) UE | Revised to S1-241264 | |  | |
| WID | [S1-241264](file:///E:\TSGS1_106_Jeju\docs\S1-241264.zip) | CableLabs | New SID on enhanced support for Multi-USIM (MUSIM) UE |  | | Revision of S1-241187. | |
| Cont | [S1-241188](file:///E:\TSGS1_106_Jeju\Docs\S1-241188.zip) | CableLabs | Study on enhanced support for Multi-USIM (MUSIM) UE | Noted | |  | |
| DualSteer\_Ph2 | | | | | | | |
| WID | [S1-241164](file:///E:\TSGS1_106_Jeju\docs\S1-241164.zip) | NEC | New Study on Enhancement of Upper Layer Traffic Steering and Switching over two 3GPP Access Networks | Revised to S1-241265 | |  | |
| WID | [S1-241265](file:///E:\TSGS1_106_Jeju\docs\S1-241265.zip) | NEC | New Study on Enhancement of Upper Layer Traffic Steering and Switching over two 3GPP Access Networks |  | | Revision of S1-241164. | |
| Cont | [S1-241162](file:///E:\TSGS1_106_Jeju\docs\S1-241162.zip) | NEC | Motivation for the New Study on Enhancement of Upper Layer Traffic Steering and Switching over two 3GPP Access Networks | Revised to S1-241241 | |  | |
| Cont | [S1-241241](file:///E:\TSGS1_106_Jeju\docs\S1-241241.zip) | NEC | Motivation for the New Study on Enhancement of Upper Layer Traffic Steering and Switching over two 3GPP Access Networks | Noted | | Revision of S1-241162. | |
| MiniWID (exceptional Rel19 WID) | | | | | | | |
| WID | [S1-241233](file:///E:\TSGS1_106_Jeju\docs\S1-241233.zip) | Vodafone | mini WID for the CR 0791 in S1-241182 | Revised to S1-241268 | | *Moved from 6.1* | |
| WID | [S1-241268](file:///E:\TSGS1_106_Jeju\docs\S1-241268.zip) | Vodafone | mini WID for the CR 0791 in S1-241182 |  | | *Moved from 6.1*  Revision of S1-241233. | |
| CR | [S1-241182](file:///E:\TSGS1_106_Jeju\Docs\S1-241182.zip) | Vodafone | 22.261v19.6.0 Monitoring of traffic in 5G | Revised to S1-241269 | | *WI* Dummy *Rel-19 CR0791R- Cat B*  *Needs a MiniWID*  *Moved from 6.1* | |
| CR | [S1-241269](file:///E:\TSGS1_106_Jeju\docs\S1-241269.zip) | Vodafone | 22.261v19.6.0 Monitoring of traffic in 5G |  | | *WI Dummy Rel-19 CR0791R- Cat B*  *Needs a MiniWID*  *Moved from 6.1*  Revision of S1-241182. | |
| Quality improvement contributions Quality improvements to requirements in TRs or TSs are encouraged (pCRs or CRs). In order to allow delegates to provide quality improvement contributions for work/study items where they do not want to attend drafting sessions, contributions submitted to this agenda item are handled in plenary. | | | | | | | |
| Rel-19 and earlier contributions | | | | | | | |
| Rel-19 correction and clarification CRs | | | | | | | |
| CR | [S1-241028](file:///E:\TSGS1_106_Jeju\Docs\S1-241028.zip) | InterDigital | 22.125v19.1.0 Alignment of terminology for requirements | Revised to S1-241029 | | *WI*  *Rel-19 CR0052R3 Cat F*  *Moved from 6.4* | |
| CR | [S1-241029](file:///E:\TSGS1_106_Jeju\Docs\S1-241029.zip) | InterDigital | 22.125v19.1.0 Alignment of terminology for requirements | Revised to S1-241266 | | *WI UAS\_Ph3 Rel-19 CR0052R3 Cat F*  Revision of S1-241028. | |
| CR | [S1-241266](file:///E:\TSGS1_106_Jeju\docs\S1-241266.zip) | InterDigital | 22.125v19.1.0 Alignment of terminology for requirements | Agreed | | *WI UAS\_Ph3 Rel-19 CR0052R3 Cat F*  *Revision of S1-241028.*  Revision of S1-241029.  Additional Supporting companies. | |
| CR | [S1-241172](file:///E:\TSGS1_106_Jeju\Docs\S1-241172.zip) | Huawei | 22.195v19.1.0 Addition of a NOTE regarding requirement on Service Enablement Layer | Merged into S1-241266 | | *WI*  *Rel-19 CR0054R- Cat F* | |
| CR | [S1-241123](file:///E:\TSGS1_106_Jeju\Docs\S1-241123.zip) | OPPO | 22.261v19.6.0 AIoT\_Update the description of Ambient IoT |  | | *WI* Ambient-IoT *Rel-19 CR0790R- Cat F* | |
| CR | [S1-241124](file:///E:\TSGS1_106_Jeju\Docs\S1-241124.zip) | OPPO | 22.369v19.1.0 AIoT\_Adding the descirption of terms |  | | *WI* Ambient-IoT *Rel-19 CR0005R- Cat F* | |
| CR | [S1-241178](file:///E:\TSGS1_106_Jeju\Docs\S1-241178.zip) | Huawei | 22.369v19.1.0 add the definition pointer of Ambient IoT device |  | | *WI* AmbientIoT *Rel-19 CR0006R- Cat D*  *Moved from 6.4* | |
| CR | [S1-241043](file:///E:\TSGS1_106_Jeju\Docs\S1-241043.zip) | Huawei | 22.261v19.6.0 removing duplicated reference to TS22.369 (Ambient IoT) in TS 22.261 | Agreed | | *WI* AmbientIoT *Rel-19 CR0785R- Cat F*  *Moved from 6.4* | |
| CR | [S1-241170](file:///E:\TSGS1_106_Jeju\Docs\S1-241170.zip) | Huawei | 22.837v19.3.0 Removal of trademark and product name from Sensing TR | Revised to S1-241267 | | *WI* FS\_Sensing *Rel-19 CR0022R- Cat D* | |
| CR | [S1-241267](file:///E:\TSGS1_106_Jeju\docs\S1-241267.zip) | Huawei | 22.837v19.3.0 Removal of trademark and product name from Sensing TR |  | | *WI FS\_Sensing Rel-19 CR0022R- Cat D*  Revision of S1-241170. | |
| WID | [S1-241233](file:///E:\TSGS1_106_Jeju\docs\S1-241233.zip) | Vodafone | mini WID for the CR 0791 in S1-241182 | Moved to 4 | |  | |
| CR | [S1-241182](file:///E:\TSGS1_106_Jeju\Docs\S1-241182.zip) | Vodafone | 22.261v19.6.0 Monitoring of traffic in 5G | Moved to 4 | | *WI* Dummy *Rel-19 CR0791R- Cat B*  *Needs a MiniWID* | |
| CR | [S1-241048](file:///E:\TSGS1_106_Jeju\Docs\S1-241048.zip) | Nokia | 22.104v19.1.0 Correction of reference to IEEE Std 1588-2019 | Moved to 6.3 | | *WI*  *Rel-19 CR0100R- Cat F*  *This should be a mirror?* | |
| CR | [S1-241062](file:///E:\TSGS1_106_Jeju\Docs\S1-241062.zip) | InterDigital | 22.125v18.1.0 Re-introduction of non-implemented UIA charging requirements | Moved to 6.2 | | *WI* UIA *Rel-19 CR0109R- Cat F* | |
| CR | [S1-241063](file:///E:\TSGS1_106_Jeju\Docs\S1-241063.zip) | InterDigital | 22.101v18.6.0 Re-introduction of non-implemented UIA requirements | Moved to 6.2 | | *WI* UIA *Rel-19 CR0593R- Cat F* | |
| Release 17 & 18 Alignment CRs (aligning Stage 1 specifications with what has been implemented in Stage 2 and 3) | | | | | | | |
| CR | [S1-241175](file:///E:\TSGS1_106_Jeju\Docs\S1-241175.zip) | Huawei | Permanent alignment between stage 1 and stages 2/3 for UAS | Revised to S1-241331 | |  | |
| CR | [S1-241331](file:///E:\TSGS1_106_Jeju\docs\S1-241331.zip) | Huawei | 22.125v Permanent alignment between stage 1 and stages 2/3 for UAS | Agreed | | Revision of S1-241175.  Delete addition and editorial change.  No presentation | |
| CR | [S1-241062](file:///E:\TSGS1_106_Jeju\Docs\S1-241062.zip) | InterDigital | 22.125v18.1.0 Re-introduction of non-implemented UIA charging requirements | Agreed | | *WI* UIA *Rel-19 CR0109R- Cat F*  *Moved from 6.1* | |
| CR | [S1-241063](file:///E:\TSGS1_106_Jeju\Docs\S1-241063.zip) | InterDigital | 22.101v18.6.0 Re-introduction of non-implemented UIA requirements | Agreed | | *WI* UIA *Rel-19 CR0593R- Cat F*  *Moved from 6.1* | |
| CR | [S1-241031](file:///E:\TSGS1_106_Jeju\Docs\S1-241031.zip) | ZTE, China Unicom, NEC, Futurewei | 22.261v18.13.0 Removal of non-implemented DI\_5G requirement |  | | *WI* DI\_5G *Rel-19 CR0593R- Cat F* | |
| Cont | [S1-241034](file:///E:\TSGS1_106_Jeju\Docs\S1-241034.zip) | Samsung, China Telecom | Rel-18 Alignment of Stage 1 with results for SEI |  | |  | |
| CR | [S1-241032](file:///E:\TSGS1_106_Jeju\Docs\S1-241032.zip) | Samsung, China Telecom | 22.104v18.3.0 Alignment for Smart Energy Infrastructure |  | | *WI*  *Rel-19 CR0098R- Cat F* | |
| CR | [S1-241033](file:///E:\TSGS1_106_Jeju\Docs\S1-241033.zip) | Samsung, China Telecom | 22.261v18.13.0 Alignment for Smart Energy Infrastructure |  | | *WI*  *Rel-19 CR0771R1- Cat F* | |
| Cont | [S1-241052](file:///E:\TSGS1_106_Jeju\Docs\S1-241052.zip) | vivo | Discussion on Rel-18 PIN requirements clean-up |  | |  | |
| CR | [S1-241051](file:///E:\TSGS1_106_Jeju\Docs\S1-241051.zip) | vivo | 22.261v18.13.0 Clean-up of PIN requirements |  | | *WI* PIRates *Rel-19 CR0786R- Cat F* | |
| Cont | [S1-241078](file:///E:\TSGS1_106_Jeju\Docs\S1-241078.zip) | QUALCOMM | Discussion on Rel-18 VMR requirements clean-up |  | |  | |
| Cont | [S1-241098](file:///E:\TSGS1_106_Jeju\Docs\S1-241098.zip) | Huawei | Discussion on Rel-18 VMR requirements for satellite access |  | |  | |
| CR | [S1-241079](file:///E:\TSGS1_106_Jeju\Docs\S1-241079.zip) | Qualcomm | 22.261v18.13.0 CR for Clean-up of Rel-18 VMR Requirements |  | | *WI* VMR *Rel-19 CR0788R- Cat F* | |
| Cont | [S1-241088](file:///E:\TSGS1_106_Jeju\Docs\S1-241088.zip) | Qualcomm | Clean-up of Rel-18 PALS Requirements |  | | Moved from 6.3 | |
| CR | [S1-241091](file:///E:\TSGS1_106_Jeju\Docs\S1-241091.zip) | Qualcomm, Futurewei | 22.261v18.13.0 CR for Rel-18 PALS Requirements Clean-up |  | | *WI*  *Rel-19 CR0789R- Cat F* | |
| Cont | [S1-241102](file:///E:\TSGS1_106_Jeju\Docs\S1-241102.zip) | LG Electronics | Discussion on Rel-18 EASNS requirements |  | |  | |
| Rel-18 and earlier CRs (other than alignment) | | | | | | | |
| CR | [S1-241047](file:///E:\TSGS1_106_Jeju\Docs\S1-241047.zip) | Nokia | 22.104v18.3.0 Correction of reference to IEEE Std 1588-2019 | Agreed | | *WI* SEI *Rel-18 CR0099R- Cat F* | |
| CR | [S1-241048](file:///E:\TSGS1_106_Jeju\docs\S1-241048.zip) | Nokia | 22.104v19.1.0 Correction of reference to IEEE Std 1588-2019 | Revised to S1-241330 | | *WI*  *Rel-19 CR0100R- Cat F*  *This should be a mirror?*  *Moved from 6.1* | |
| CR | [S1-241330](file:///E:\TSGS1_106_Jeju\docs\S1-241330.zip) | Nokia | 22.104v19.1.0 Correction of reference to IEEE Std 1588-2019 | Agreed | | *WI SEI Rel-19 CR0100R- Cat F*  *This should be a mirror?*  *Moved from 6.1*  Revision of S1-241048.  To have Cat-A. | |
| CR | [S1-241116](file:///E:\TSGS1_106_Jeju\Docs\S1-241116.zip) | Ericsson, Qualcomm | 22.011v18.5.0 Location services user plane protocol and 3GPP PS data off |  | | *WI*  *Rel-18 CR0361R- Cat F* | |
| Cont | [S1-241088](file:///E:\TSGS1_106_Jeju\Docs\S1-241088.zip) | Qualcomm | Clean-up of Rel-18 PALS Requirements | Moved to 6.2 | |  | |
| Other Rel-19 contributions (e.g. CRs to clean, correct completed studies) | | | | | | | |
| CR | [S1-241043](file:///E:\TSGS1_106_Jeju\Docs\S1-241043.zip) | Huawei | 22.261v19.6.0 removing duplicated reference to TS22.369 (Ambient IoT) in TS 22.261 | Moved to 6.1 | | *WI* AmbientIoT *Rel-19 CR0785R- Cat F* | |
| CR | [S1-241178](file:///E:\TSGS1_106_Jeju\Docs\S1-241178.zip) | Huawei | 22.369v19.1.0 add the definition pointer of Ambient IoT device | Moved to 6.1 | | *WI* AmbientIoT *Rel-19 CR0006R- Cat F* | |
| CR | [S1-241028](file:///E:\TSGS1_106_Jeju\Docs\S1-241028.zip) | InterDigital | 22.125v19.1.0 Alignment of terminology for requirements | Moved to 6.1 | | *WI*  *Rel-19 CR0052R3 Cat F* | |
| CR | [S1-241039](file:///E:\TSGS1_106_Jeju\Docs\S1-241039.zip) | Huawei | 22.369v19.1.0 add the definition pointer of Ambient IoT device | Withdrawn | | *WI* AmbientIoT *Rel-19 CR0003R- Cat F* | |
| CR | [S1-241042](file:///E:\TSGS1_106_Jeju\Docs\S1-241042.zip) | Huawei | removing duplicated reference to TS22.369 (Ambient IoT) in TS 22.261 | Withdrawn | |  | |
| Rel-20 5GA contributions | | | | | | | |
| FS\_FRMCS\_Ph6 | | | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Vassiliki Nikolopoulou (UIC)  Latest version: [TR22.989v19.4.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.989/22989-j40.zip)  Target completion date: SA#105 (09/2024)  Percentage completion: 0% | | | | | | | |
| CR | [S1-241190](file:///E:\TSGS1_106_Jeju\docs\S1-241190.zip) | UIC | 22.989v19.4.0Update and Gap analysis of Transfer (Divertion) of an incoming voice communication |  | | *WI* FS\_FRMCS\_Ph6 *Rel-20 CR0031R- Cat C* | |
| FS\_EnergyServ\_Ph2 | | | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Laurent-Walter Goix (Nokia)  Latest version: TR22.883v0.0.0  Target completion date: SA#107 (03/2025)  Percentage completion: 0% | | | | | | | |
| Cont | [S1-241024](file:///E:\TSGS1_106_Jeju\Docs\S1-241024.zip) | AsiaInfo | Pseudo-CR on TR 22883 add New use case on User-centric Energy-aware QoS Management |  | |  | |
| Cont | [S1-241025](file:///E:\TSGS1_106_Jeju\Docs\S1-241025.zip) | AsiaInfo | Pseudo-CR on New use case on Incentive Mechanism for User Energy Saving |  | |  | |
| Cont | [S1-241026](file:///E:\TSGS1_106_Jeju\Docs\S1-241026.zip) | AsiaInfo | Pseudo-CR on New use case on Renewable Energy Prioritization for VNF Deployment |  | |  | |
| Cont | [S1-241035](file:///E:\TSGS1_106_Jeju\Docs\S1-241035.zip) | Samsung | pCR 22.883 Advice of Energy Use |  | |  | |
| Cont | [S1-241049](file:///E:\TSGS1_106_Jeju\Docs\S1-241049.zip) | MediaTek | Use Case on ECO Indication of Communication Service |  | |  | |
| Cont | [S1-241066](file:///E:\TSGS1_106_Jeju\Docs\S1-241066.zip) | Nokia | pCR on TR 22.883 cleanup |  | |  | |
| Cont | [S1-241103](file:///E:\TSGS1_106_Jeju\Docs\S1-241103.zip) | LG Electronics | New use case “Energy grade information exposure” |  | |  | |
| Cont | [S1-241128](file:///E:\TSGS1_106_Jeju\Docs\S1-241128.zip) | China Mobile | New use case on supporting information exposure and service adjustment based on energy supply mix |  | |  | |
| Cont | [S1-241129](file:///E:\TSGS1_106_Jeju\Docs\S1-241129.zip) | China Mobile | New use case on supporting dynamic adjustment of sensing service for energy efficiency |  | |  | |
| Cont | [S1-241134](file:///E:\TSGS1_106_Jeju\Docs\S1-241134.zip) | vivo | New use case on energy saving service for UE |  | |  | |
| Cont | [S1-241135](file:///E:\TSGS1_106_Jeju\Docs\S1-241135.zip) | ZTE | New use case on energy sources information used for network node selection |  | |  | |
| Cont | [S1-241136](file:///E:\TSGS1_106_Jeju\Docs\S1-241136.zip) | Rakuten Mobile | pCR on new use case on Renewable Energy Status Notification |  | |  | |
| Cont | [S1-241138](file:///E:\TSGS1_106_Jeju\Docs\S1-241138.zip) | Rakuten Mobile | pCR on new use case on dynamic RAN selection based on satellite energy availability |  | |  | |
| Cont | [S1-241139](file:///E:\TSGS1_106_Jeju\Docs\S1-241139.zip) | Rakuten Mobile | pCR on new case on network supporting UE energy saving requirement |  | |  | |
| Cont | [S1-241140](file:///E:\TSGS1_106_Jeju\Docs\S1-241140.zip) | IIT Bombay | Provisioning of energy aware security in the network |  | |  | |
| Cont | [S1-241143](file:///E:\TSGS1_106_Jeju\Docs\S1-241143.zip) | IIT Bombay | Dynamic service adjustment support based on energy information |  | |  | |
| Cont | [S1-241159](file:///E:\TSGS1_106_Jeju\Docs\S1-241159.zip) | NTT DOCOMO | p-CR on new use case on network supporting energy saving for battery-powered base station |  | |  | |
| Cont | [S1-241165](file:///E:\TSGS1_106_Jeju\Docs\S1-241165.zip) | TNO, KPN | Carbon Certificates as a Service |  | |  | |
| Cont | [S1-241166](file:///E:\TSGS1_106_Jeju\Docs\S1-241166.zip) | TNO, KPN | Media streaming carbon footprint transparency |  | |  | |
| Cont | [S1-241174](file:///E:\TSGS1_106_Jeju\Docs\S1-241174.zip) | China Telecommunications | Use case on dynamic user experience adjustment |  | |  | |
| Cont | [S1-241181](file:///E:\TSGS1_106_Jeju\Docs\S1-241181.zip) | Nokia | pCR on New Use case on proposing incentives to users for network energy saving |  | |  | |
| FS\_5GSAT\_Ph4 | | | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Thierry Bérisot (Novamint)  Latest version: TR22.887v0.0.0  Target completion date: SA#107 (03/2025)  Percentage completion: 0% | | | | | | | |
| TR | [S1-241151](file:///E:\TSGS1_106_Jeju\docs\S1-241151.zip) | NOVAMINT (Rapporteur) | TR skeleton for TR22887 - FS\_5GSAT\_Ph4 |  | |  | |
| Cont | [S1-241191](file:///E:\TSGS1_106_Jeju\docs\S1-241191.zip) | NOVAMINT (Rapporteur) | Workplan for FS\_5GSAT\_Ph4 |  | |  | |
| Cont | [S1-241060](file:///E:\TSGS1_106_Jeju\docs\S1-241060.zip) | ISSDU, III | Pseudo-CR on New use case on Resilient Satellite Communication with Isolated Operation Mode for Public Safety |  | |  | |
| Cont | [S1-241061](file:///E:\TSGS1_106_Jeju\docs\S1-241061.zip) | ISSDU, III | Pseudo-CR on New use case on Emergency Warning Broadcast Services over Satellite with Emergency Uplink Services |  | |  | |
| Cont | [S1-241071](file:///E:\TSGS1_106_Jeju\docs\S1-241071.zip) | vivo | Discussion paper on New use case on IMS voice call using GEO satellite access | Revised to S1-241247 | |  | |
| Cont | [S1-241247](file:///E:\TSGS1_106_Jeju\docs\S1-241247.zip) | vivo | Discussion paper on New use case on IMS voice call using GEO satellite access |  | | Revision of S1-241071. | |
| Cont | [S1-241072](file:///E:\TSGS1_106_Jeju\docs\S1-241072.zip) | vivo | Pseudo-CR on New use case on IMS voice call using GEO satellite access | Revised to S1-241248 | |  | |
| Cont | [S1-241248](file:///E:\TSGS1_106_Jeju\docs\S1-241248.zip) | vivo | Pseudo-CR on New use case on IMS voice call using GEO satellite access |  | | Revision of S1-241072. | |
| Cont | [S1-241082](file:///E:\TSGS1_106_Jeju\docs\S1-241082.zip) | EchoStar | 5G system with satellite access to support Robust Notifictaion Alert |  | |  | |
| Cont | [S1-241110](file:///E:\TSGS1_106_Jeju\docs\S1-241110.zip) | China Telecom | UC on IMS voice services using GEO satellite access |  | |  | |
| Cont | [S1-241111](file:///E:\TSGS1_106_Jeju\docs\S1-241111.zip) | China Telecom | UC on traffic over different orbit satellites |  | |  | |
| Cont | S1-241112 | ETRI, Nokia | Use case on service continuity through multi-orbit satellite access | Revised to S1-241133 | |  | |
| Cont | [S1-241133](file:///E:\TSGS1_106_Jeju\docs\S1-241133.zip) | ETRI, Nokia | Use case on service continuity through multi-orbit satellite access |  | | Revision of S1-241112. | |
| Cont | [S1-241114](file:///E:\TSGS1_106_Jeju\docs\S1-241114.zip) | China Mobile | New use case on multi-orbit satellite access for multiple services |  | |  | |
| Cont | [S1-241118](file:///E:\TSGS1_106_Jeju\docs\S1-241118.zip) | China Mobile | pCR on use case on emergency communication using satellite access |  | |  | |
| Cont | [S1-241130](file:///E:\TSGS1_106_Jeju\docs\S1-241130.zip) | China Mobile | New use case on multi-orbits access supporting different services |  | |  | |
| Cont | [S1-241131](file:///E:\TSGS1_106_Jeju\docs\S1-241131.zip) | China Mobile | New use case on supporting remote sensing in satellite |  | |  | |
| Cont | [S1-241141](file:///E:\TSGS1_106_Jeju\docs\S1-241141.zip) | IIT Bombay | Support for Mobile base station relays (MBSRs) through multi-orbit satellite networks |  | |  | |
| Cont | [S1-241150](file:///E:\TSGS1_106_Jeju\docs\S1-241150.zip) | IIT Bombay | Switching between multi-orbits satellite networks in defence applications |  | |  | |
| Cont | [S1-241155](file:///E:\TSGS1_106_Jeju\docs\S1-241155.zip) | CATT | Use case on assisting vehicular communications via multi-orbits satellite access |  | |  | |
| Cont | [S1-241161](file:///E:\TSGS1_106_Jeju\docs\S1-241161.zip) | SES, NOVAMINT, ESA | new use case on Reliable Multicast in Joint TN/NTN deployments |  | |  | |
| Cont | [S1-241163](file:///E:\TSGS1_106_Jeju\docs\S1-241163.zip) | SES, NOVAMINT, ESA | new use case on Enhanced Support for SIM-Card Less Broadcast Services with Satellite Access System |  | |  | |
| Cont | [S1-241169](file:///E:\TSGS1_106_Jeju\docs\S1-241169.zip) | Samsung | Network selection for satellite access |  | |  | |
| Cont | [S1-241177](file:///E:\TSGS1_106_Jeju\docs\S1-241177.zip) | vivo | Pseudo-CR on New use case on paging alert service |  | |  | |
| Cont | [S1-241186](file:///E:\TSGS1_106_Jeju\docs\S1-241186.zip) | Nokia | Use case on broadband services through multi-orbit satellite access | Revised to S1-241242 | |  | |
| Cont | [S1-241242](file:///E:\TSGS1_106_Jeju\docs\S1-241242.zip) | Nokia | Use case on broadband services through multi-orbit satellite access |  | | Revision of S1-241186. | |
| Cont | [S1-241192](file:///E:\TSGS1_106_Jeju\docs\S1-241192.zip) | Google, DISH Network | Use Case on Emergency Texting over IoT NTN |  | |  | |
| Cont | S1-241056 | ISSDU, III | Pseudo-CR on New use case on Resilient Satellite Communication with Isolated Operation Mode for Public Safety | Withdrawn | |  | |
| Cont | S1-241057 | ISSDU | Pseudo-CR on New use case on Emergency Warning Broadcast Services over Satellite with Emergency Uplink Services | Withdrawn | |  | |
| Cont | S1-241058 | ISSDU, III | Pseudo-CR on New use case on Emergency Warning Broadcast Services over Satellite with Emergency Uplink Services | Withdrawn | |  | |
| Cont | S1-241113 | ETRI | Use case on UE-Satellite-UE Communications using multi-orbit satellites | Withdrawn | |  | |
| Rel-20 6G presentations | | | | | | | |
| Cont | [S1-241012](file:///E:\TSGS1_106_Jeju\docs\S1-241012.zip) | AT&T | Moving to "NextG" | Noted | |  | |
| Cont | [S1-241014](file:///E:\TSGS1_106_Jeju\docs\S1-241014.zip) | Sony | Views on the SA1 6G Study | Noted | |  | |
| Cont | [S1-241015](file:///E:\TSGS1_106_Jeju\Docs\S1-241015.zip) | SK telecom | SK Telecom’s View on Future Telco. Infrastructure | Revised to S1-241246 | |  | |
| Cont | [S1-241246](file:///E:\TSGS1_106_Jeju\docs\S1-241246.zip) | SK telecom | SK Telecom’s View on Future Telco. Infrastructure | Noted | | Revision of S1-241015. | |
| Cont | [S1-241016](file:///E:\TSGS1_106_Jeju\Docs\S1-241016.zip) | Apple | IMT-2030 views | Noted | |  | |
| Cont | [S1-241018](file:///E:\TSGS1_106_Jeju\Docs\S1-241018.zip) | Nokia | Nokia's view on SA1 Rel-20 6G study | Noted | |  | |
| Cont | [S1-241021](file:///E:\TSGS1_106_Jeju\docs\S1-241021.zip) | KDDI | KDDI’s visions and plans on SA1 Rel-20 6G study | Noted | |  | |
| Cont | [S1-241022](file:///E:\TSGS1_106_Jeju\docs\S1-241022.zip) | China Telecom | Proposal for 6G Use Cases and Considerations on SID Approach | Noted | |  | |
| Cont | [S1-241023](file:///E:\TSGS1_106_Jeju\Docs\S1-241023.zip) | FirstNet | FirstNet 6G SID Ideas | Noted | |  | |
| Cont | [S1-241027](file:///E:\TSGS1_106_Jeju\Docs\S1-241027.zip) | China Mobile | China Mobile's view on 6G study | Noted | |  | |
| Cont | [S1-241030](file:///E:\TSGS1_106_Jeju\Docs\S1-241030.zip) | NTT DOCOMO | Overall NTT DOCOMO’s view on 6G | Noted | |  | |
| Cont | [S1-241037](file:///E:\TSGS1_106_Jeju\Docs\S1-241037.zip) | Samsung | On the 6G Stage 1 Study | Revised to S1-241252 | |  | |
| Cont | [S1-241252](file:///E:\TSGS1_106_Jeju\docs\S1-241252.zip) | Samsung | On the 6G Stage 1 Study | Noted | | Revision of S1-241037. | |
| Cont | [S1-241038](file:///E:\TSGS1_106_Jeju\Docs\S1-241038.zip) | Huawei | Huawei consideration of SA1 Rel-20 Part2 study | Noted | |  | |
| Cont | [S1-241041](file:///E:\TSGS1_106_Jeju\Docs\S1-241041.zip) | THALES | Views on 6G SA1 study item(s) | Revised to S1-241235 | |  | |
| Cont | [S1-241235](file:///E:\TSGS1_106_Jeju\docs\S1-241235.zip) | THALES | Views on 6G SA1 study item(s) | Noted | | Revision of S1-241041. | |
| Cont | [S1-241044](file:///E:\TSGS1_106_Jeju\Docs\S1-241044.zip) | Intel | Intel's views on 6G use cases and SID organization | Noted | |  | |
| Cont | [S1-241045](file:///E:\TSGS1_106_Jeju\Docs\S1-241045.zip) | ZTE | Views on 6G Use Cases and SA1 Study Plan | Noted | |  | |
| Cont | [S1-241046](file:///E:\TSGS1_106_Jeju\Docs\S1-241046.zip) | LGE | LGE's Views on SA1 6G Study | Noted | |  | |
| Cont | [S1-241050](file:///E:\TSGS1_106_Jeju\Docs\S1-241050.zip) | MediaTek | MediaTek's Views on SA1 Rel-20 Part 2 study | Noted | |  | |
| Cont | [S1-241055](file:///E:\TSGS1_106_Jeju\Docs\S1-241055.zip) | Vivo | vivo views on 6G use cases and SA1 study | Noted | |  | |
| Cont | [S1-241067](file:///E:\TSGS1_106_Jeju\Docs\S1-241067.zip) | Ericsson | 6G Company view Ericsson | Noted | |  | |
| Cont | [S1-241068](file:///E:\TSGS1_106_Jeju\Docs\S1-241068.zip) | Reliance Jio | Reliance Jio Views on 6G | Withdrawn | |  | |
| Cont | [S1-241070](file:///E:\TSGS1_106_Jeju\Docs\S1-241070.zip) | Orange | 6G Company view - Orange | Noted | |  | |
| Cont | [S1-241083](file:///E:\TSGS1_106_Jeju\Docs\S1-241083.zip) | Futurewei | SA1 release 20 6G study consideration | Noted | |  | |
| Cont | [S1-241087](file:///E:\TSGS1_106_Jeju\Docs\S1-241087.zip) | QUALCOMM | QUALCOMM 6G PRESENTATION | Noted | |  | |
| Cont | [S1-241089](file:///E:\TSGS1_106_Jeju\Docs\S1-241089.zip) | CableLabs | CableLabs Views on 6G use cases and SA1 study | Noted | |  | |
| Cont | [S1-241093](file:///E:\TSGS1_106_Jeju\Docs\S1-241093.zip) | KT Corp. | KT's perspectives on 6G use cases | Noted | |  | |
| Cont | [S1-241095](file:///E:\TSGS1_106_Jeju\Docs\S1-241095.zip) | Rakuten Mobile | Rakuten Mobile’s view on 6G Use cases | Noted | |  | |
| Cont | [S1-241101](file:///E:\TSGS1_106_Jeju\Docs\S1-241101.zip) | SKY Perfect JSAT | JSAT's view on 6G NTN | Noted | |  | |
| Cont | [S1-241115](file:///E:\TSGS1_106_Jeju\Docs\S1-241115.zip) | Spreadtrum, SGITG | Initial Views on 6G Use Cases and Features | Noted | |  | |
| Cont | [S1-241119](file:///E:\TSGS1_106_Jeju\Docs\S1-241119.zip) | OPPO | OPPO view towards SA1 6G | Noted | |  | |
| Cont | [S1-241125](file:///E:\TSGS1_106_Jeju\Docs\S1-241125.zip) | China Unicom | China Unicom 6G VISION | Revised to S1-241332 | |  | |
| Cont | [S1-241332](docs\S1-241332.zip) | China Unicom | China Unicom 6G VISION | Noted | | Revision of S1-241125. | |
| Cont | [S1-241147](file:///E:\TSGS1_106_Jeju\Docs\S1-241147.zip) | Xiaomi | Views on 3GPP Stage 1 6G work |  | |  | |
| Cont | [S1-241149](file:///E:\TSGS1_106_Jeju\Docs\S1-241149.zip) | IIT Bombay | Few Ideas on 6G |  | |  | |
| Cont | [S1-241158](file:///E:\TSGS1_106_Jeju\Docs\S1-241158.zip) | CATT | Considerations on Rel-20 Part2 Study |  | |  | |
| Cont | [S1-241167](file:///E:\TSGS1_106_Jeju\Docs\S1-241167.zip) | KPN | KPN view on 6G | Revised to S1-241234 | |  | |
| Cont | [S1-241234](file:///E:\TSGS1_106_Jeju\docs\S1-241234.zip) | KPN | KPN view on 6G |  | | Revision of S1-241167. | |
| Cont | [S1-241171](file:///E:\TSGS1_106_Jeju\Docs\S1-241171.zip) | DSIT | UK Government View: 6G |  | |  | |
| Cont | [S1-241180](file:///E:\TSGS1_106_Jeju\docs\S1-241180.zip) | InterDigital | Interdigital 6G Vision and way forward for Rel.20 |  | |  | |
| Cont | [S1-241184](file:///E:\TSGS1_106_Jeju\Docs\S1-241184.zip) | Sharp | Sharps view on 6G use cases |  | |  | |
| Cont | [S1-241232](file:///E:\TSGS1_106_Jeju\docs\S1-241232.zip) | Sharp | Sharps view on 6G use cases | Revised to S1-241232 | | Revision of S1-241184. | |
| Cont | [S1-241185](file:///E:\TSGS1_106_Jeju\docs\S1-241185.zip) | Sharp | sharp's view on 6G SI organization | Merged into S1-241232 | |  | |
| Cont | [S1-241189](file:///E:\TSGS1_106_Jeju\Docs\S1-241189.zip) | Vodafone | Vodafone’s view on 6G |  | |  | |
| Cont | [S1-241193](file:///E:\TSGS1_106_Jeju\docs\S1-241193.zip) | Siemens | Industrial Perspective on 6G | Revised to S1-241256 | |  | |
| Cont | [S1-241256](file:///E:\TSGS1_106_Jeju\docs\S1-241256.zip) | Siemens | Industrial Perspective on 6G |  | | Revision of S1-241193. | |
| Cont | [S1-241194](file:///E:\TSGS1_106_Jeju\Docs\S1-241194.zip) | Bosch, Siemens, Continental, GE Network Technologies, Fraunhofer IIS, NICT | Vertical’s view on 6G: 3GPP Subnetworks |  | |  | |
| Cont | [S1-241195](file:///E:\TSGS1_106_Jeju\Docs\S1-241195.zip) | NOVAMINT | Novamint view’s on 6G – A global perspective |  | |  | |
| Cont | [S1-241059](file:///E:\TSGS1_106_Jeju\Docs\S1-241059.zip) | ISSDU, III, NYCU | Enable Quantum-Safe Cryptography for 6G | Revised to S1-241240 | |  | |
| Cont | [S1-241240](file:///E:\TSGS1_106_Jeju\docs\S1-241240.zip) | ISSDU, III, NYCU | Enable Quantum-Safe Cryptography for 6G |  | | Revision of S1-241059. | |
| Cont | [S1-241104](file:///E:\TSGS1_106_Jeju\Docs\S1-241104.zip) | NICT | NICT's View on Advanced PNT Service and Seamless and Robust Communication Service |  | |  | |
| Cont | [S1-241092](file:///E:\TSGS1_106_Jeju\Docs\S1-241092.zip) | NTT DOCOMO, Rakuten Mobile, SoftBank, KDDI | Challenge for zero outage network | Noted | |  | |
| Cont | [S1-241096](file:///E:\TSGS1_106_Jeju\Docs\S1-241096.zip) | NTT DOCOMO, SK Telecom, Intel | Discussion on computing network convergence in 3GPP system | Noted | |  | |
| Cont | [S1-241100](file:///E:\TSGS1_106_Jeju\Docs\S1-241100.zip) | LG Electronics Inc. | Discussion on SA1 6G Study with focus on Internet of Smart and Collaborative Physical Systems | Noted | |  | |
| WID | [S1-241105](file:///E:\TSGS1_106_Jeju\Docs\S1-241105.zip) | NICT | Study on Advanced positioning and timing service | Noted | |  | |
| WID | [S1-241108](file:///E:\TSGS1_106_Jeju\Docs\S1-241108.zip) | NICT | Study on Seamless and robust communication service | Noted | |  | |
| WID | [S1-241120](file:///E:\TSGS1_106_Jeju\Docs\S1-241120.zip) | OPPO | New SID proposal on Study on native AI based on 6G computation network | Noted | |  | |
| Cont | [S1-241122](file:///E:\TSGS1_106_Jeju\Docs\S1-241122.zip) | Nokia | Study on Coordination of Network and Compute for 6G | Noted | |  | |
| WID | [S1-241132](file:///E:\TSGS1_106_Jeju\Docs\S1-241132.zip) | China Mobile, LG Uplus, Toyota, OPPO, vivo, CATT, Asia Info | New SID on 6G Services | Noted | |  | |
| Cont | S1-241053 | ISSDU | Enable Quantum-Safe Cryptography for 6G | Withdrawn | |  | |
| Cont | S1-241054 | ISSDU, III, NYCU | Enable Quantum-Safe Cryptography for 6G | Withdrawn | |  | |
| Cont | [S1-241069](file:///E:\TSGS1_106_Jeju\Docs\S1-241069.zip) | Bosch, Siemens, Continental, GE Aerospace, Fraunhofer IIS, NICT | Vertical’s view on 6G: 3GPP Subnetworks | Withdrawn | |  | |
| Other technical contributions | | | | | | | |
| Other non-technical contributions | | | | | | | |
| KVIs related contributions | | | | | | | |
| Cont | [S1-241019](file:///E:\TSGS1_106_Jeju\docs\S1-241019.zip) | Nokia | Considerations on defining KVs for 6G study in SA1 | Revised to S1-241253 | |  | |
| Cont | [S1-241253](file:///E:\TSGS1_106_Jeju\docs\S1-241253.zip) | Nokia | Considerations on defining KVs for 6G study in SA1 |  | | Revision of S1-241019. | |
| Cont | [S1-241020](file:///E:\TSGS1_106_Jeju\docs\S1-241020.zip) | Nokia | Considerations on implementing KVs for 6G study in SA1 | Revised to S1-241254 | |  | |
| Cont | [S1-241254](file:///E:\TSGS1_106_Jeju\docs\S1-241254.zip) | Nokia | Considerations on implementing KVs for 6G study in SA1 |  | | Revision of S1-241020. | |
| Cont | [S1-241036](file:///E:\TSGS1_106_Jeju\docs\S1-241036.zip) | Samsung | Proposals for further consideration of key values |  | |  | |
| Cont | [S1-241040](file:///E:\TSGS1_106_Jeju\docs\S1-241040.zip) | Orange | Discussion paper Key Value (KVs) and Key Value Indicators (KVIs) | Revised to S1-241237 | |  | |
| Cont | [S1-241237](file:///E:\TSGS1_106_Jeju\docs\S1-241237.zip) | Orange | Discussion paper Key Value (KVs) and Key Value Indicators (KVIs) |  | | Revision of S1-241040. | |
| Cont | [S1-241094](file:///E:\TSGS1_106_Jeju\docs\S1-241094.zip) | KT | Considerations to address key societal values of 6G in SA1 |  | |  | |
| Cont | [S1-241109](file:///E:\TSGS1_106_Jeju\docs\S1-241109.zip) | NTT DOCOMO | NTT DOCOMO’s consideration on Key value |  | |  | |
| Cont | [S1-241144](file:///E:\TSGS1_106_Jeju\docs\S1-241144.zip) | IIT Bombay | Study of some prospective KVs and their relationship with KPIs |  | |  | |
| Cont | [S1-241148](file:///E:\TSGS1_106_Jeju\docs\S1-241148.zip) | Xiaomi | Three Pillars, KVs and KVIs |  | |  | |
| Cont | [S1-241160](file:///E:\TSGS1_106_Jeju\docs\S1-241160.zip) | Ericsson | Key values for SA1 |  | |  | |
| Others | | | | | | | |
| Cont | [S1-241121](file:///E:\TSGS1_106_Jeju\docs\S1-241121.zip) | Nokia | Lessons learnt from 5G study: Coordination with RAN study |  | |  | |
| Cont | [S1-241168](file:///E:\TSGS1_106_Jeju\docs\S1-241168.zip) | Nokia | Lessons learnt from 5G study: Coordination with SA2 study | Revised to S1-241243 | |  | |
| Cont | [S1-241243](file:///E:\TSGS1_106_Jeju\docs\S1-241243.zip) | Nokia | Lessons learnt from 5G study: Coordination with SA2 study |  | | Revision of S1-241168. | |
| Work Item/Study Item progress | | | | | | | |
| Session information outputs | | | | | | | |
| REP |  | Session Chair | Sensing drafting KVI | |  | |  |
| REP |  | Session Chair | Sensing drafting FRMCS + EnergyServ\_Ph2 | |  | |  |
| REP |  | Session Chair | Sensing drafting Satellite | |  | |  |
| Work Item/Study Item status update | | | | | | | |
| REP |  | UIC | FS\_FRMCS\_Ph6 – Status report | |  | | 95% |
| REP |  | Nokia | FS\_EnergyServ\_Ph2 – Status report | |  | | 95% |
| REP |  | OPPO | FS\_5GSAT\_Ph4– Status report | |  | | 95% |
| Next meetings (calendar) | | | | | | | |
| **2024 meetings:**  SA1#107 19-23 Aug 2024 Maastricht (The Netherlands)  SA1#108 18-22 Nov 2024 Orlando (US) | | | | | | | |
| Any other business | | | | | | | |
| Close | | | | | | | |
| Close latest by 16:00 CET on Friday 31 May 2024 | | | | | | | |